

# Converting Colors

Hex(A2736F)

Have a look what the booklet for  
Hex(A2736F) contains.

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**Color**

**Hex(A2736F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2736F
RGB	162, 115, 111
RGB Percent	64%, 45%, 44%
CMY	0.3647, 0.5490, 0.5647
CMYK	0.00, 0.29, 0.31, 0.36
HSL	5°, 22%, 54%
HSV	5°, 31%, 64%
XYZ	23.9003, 21.0905, 17.8501
YIQ	128.5970, 29.2960, 8.7200

# Conversions

## Conversions Part 2

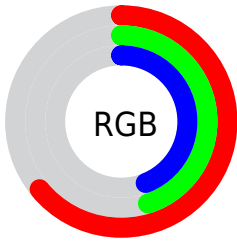
Format	Color
<b>RYB</b>	162, 115, 111
Decimal	10646383
CIELab	53.05, 17.97, 9.59
CIELCh	53, 20.367, 28.086
Yxy	21.0905, 0.3803, 0.3356
Android (android.graphics.Color)	4288836463 (0xFFA2736F)
YUV	128.5970, -8.6753, 29.2944
Hunter-Lab	45.9244, 12.5282, 9.1020

# Details

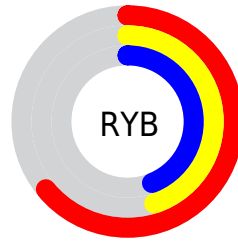
The Hex color **A2736F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6F9EA2**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **DAA7A3**, and **6D423F** is the 20% darker color. If you saturate the color by 10%, you get **A2645F**, and if you desaturate by 10%, it is **A2827F**.

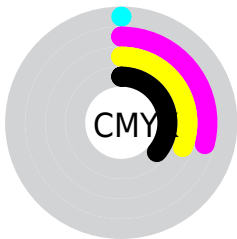
# Distribution



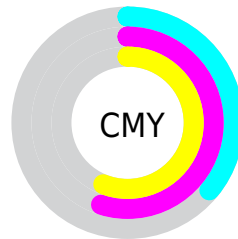
- Red (64%)
- Green (45%)
- Blue (44%)



- Red (64%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (36%)



- Cyan (36%)
- Magenta (55%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2736F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A2736F by changing the saturation by 10% instead.





A2736F



A2736F

FFFFFF



875A57



DAA7A3



6D423F



F7C3BE



542C29



FFDFD9



3B1615



FFFBF6



260000



000000



A2736F



A2736F



A2645F



A2827F



A2554F



A2918F

 A2463E

 A2A0A0

 A2372E

 A2AFB0

 A2281E

 A2BEC0

 A2190E

 A2CDD0

 A20D00

 A2DCE0

 A2EAF1

 A2F9FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A07280



A2736F



9B7762

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A2736F



66876C



6881A1

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A2736F



6F9EA2

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53859C



A2736F



54887D

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A2736F



7A835F



4B888E



807B9D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A2736F



927B5D



4B888E



6082A0



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A2736F



D4C2C1



A26F9F



6B605F



EBEBEB



6B6B6B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A2736F



D48A83



A28C6F



524A49



910B00



120100



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6F9EA2



83CDD4



6F85A2



495152



008691



001012



# Previews

## White Background



This preview shows how the Hex color A2736F looks on a white background.

## Color Contrast Check

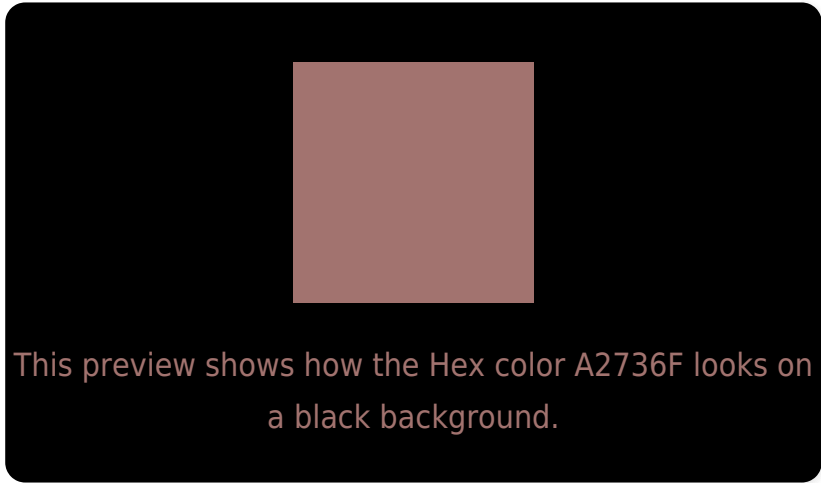
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2736F Background



This preview shows how black text looks on a background with the Hex color A2736F.



This preview shows how white text looks on a background with the Hex color A2736F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
A2736F

**Protanopia**  
847F75

**Deuteranopia**  
917A6E



**Tritanopia**  
A3717A

# Trichromacy



**Original Color**  
A2736F

**Protanomaly**  
8F7B73

**Deuteranomaly**  
97776E

**Tritanomaly**  
A37276

# Monochromacy



**Original Color**  
A2736F

**Achromatopsia**  
818181

**Achromatomaly**  
8D7C7A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2736F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A2736F looks like.

```
.text, #text, p{  
    color:#A2736F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A2736F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2736F
}
```

## Border

The CSS property to change the border of an element to Hex A2736F is called "border". The border property can be set on classes, ids or directly on the HTML element.

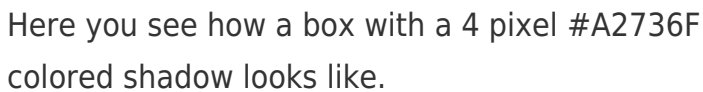
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2736F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A2736F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#A2736F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2736F; -webkit-box-shadow:4px 4px  
4px 4px #A2736F; box-shadow:4px 4px 4px  
4px #A2736F }
```

# Background

The CSS property to change the background color of an element to Hex A2736F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2736F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A2736F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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